

Product datasheet for **MC222795**

Tex11 (NM_031384) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tex11 (NM_031384) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tex11
Synonyms:	4930565P14Rik; BB024231; ZIP4H
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>MC222795 representing NM_031384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACCGCATTACTGACTTTTACTTCTTGACTTCAGAGAATCTGTTAAAACCTGATCATAACTGGTA
 ATTCATGGAGACTACAAGAAATGATTGACAGATTCTTCACAAACATATCAAATTTCAACAGAGAGTCTCT
 GACTGAAATACAGAATATTCAGATTGAAGAAATTCAGTGAACCTGTGGAAGTGGCAGTTACTAAGAGA
 GTAGAAGTGTCTGTGAGGAAAAACAGGACGCTAACTGTGTTATATTGCTTGAAGCTGGTATATATGC
 ATGGAATCTCAGTCTCTCAGAAGAAGCTATTCAAAGACAGATTTTGATGAATATAAAAAACGAAAAAGA
 GTGGTTGTATACTGAAATGCTCAGATTGCTGATGAATTTTTCAAGCTGCCATGACTGATCTGGAGAGA
 TTATATGTCAGATTAATGCAGAGCTGTACACCGAGGCCAACGTGTGTGTATAAGATGATTGTTGAGA
 AAGGCATCTTCCATGTGCTTTCTACCAAGCTGAGTCAGCTGTTGCTCAAGGGGATTTCAAGAAAGCATC
 TATGTGCGTCTTACGTTGCAAAGATATGCTGATGAGACTCCCTAACATGACAAAAATCTTCATGTACTC
 TGTTACAACCTTGGCATAGAAGCAAGCAAGCGGAATAAATACAAAGAGAGTTCATTCTGGCTTGGCCAAA
 GCTATGAAATGGGAAGATGGATAGGCGTCTGTTGAGCCACAAATGCTGGCTAAAACGCTGCGGTTACT
 AGCCACTATTTATTTGAATTGTGGTGGCGAAGCATATTATACCAAGGCCCTCATTGCTATACTCATTGCA
 AACAAGGAACATTTACATCCAGCTGGGCTTTCTTAAAGATGAGGATCCTCATGAAAGGCAACTCATGTA
 ATGAAGAACTCCTTGAAGCTGCTAAGGAAATACTATATCTTGCTATGCCTTTGGAATTTCTATCTGAGCAT
 TATTC AATTCCTGATAGATAATAAAGAGAGTCTGTTGGGTTTCGCTTTCTGAGAATCATCTCTGACAAT
 TTTAAGTCGCCAGAAGATAGGAAGAGAATTCTGTTGTTCTACATTGACACGCTTTTACAAAAGGATCAAG
 ACATGATTGCTGAAGAGAAGATTAAGAGCTCCTTAAAGGTTACCAAACAAGAAGTCGACTGTCAAGAGA
 TTTGGTAAATGGTTACACAACATTCTGTGGGAAAGGCTTCCAGAAGTGTAAAGGTCAAAAAATATGCT
 GATGCCCTACACTGGTACAGTTATTCTCTGAAAGTGTATGAGTATGATAAAGCAGATCTGGATTTGATCA
 AGCTGAAGAGGAACATGGTTTCTGTTACTTATCTTTGAAACAACCTTGATAAGGCTAAAGAGGCCATAGC
 AGAAGTTGAGCAAAGGATCCTACACATGTTTTCACTCGGTATTATATATTCAAGATCGCAATCATGGAG
 GGTGATGCTTTCAGAGCTTACAGGTGGTCACTGCTTTAAAGAAATCATTAAAGGATGGAGAATCAGAAG
 ATCGTGGACTAATTGAAGCTGGAGTTTCAACTCTACAATCCTAAGTTTATCTATAGATTTTGTCTAGA
 GAATGGACAGCAATTTGTGGCAGAAAGAGCTTTGGAATATTTATGTCAACTTTCAAAGACCCAAAAGAA
 GTACTTGGAGTTTAAAGTGTCTCATGCGGATTATTCTTCCACAAGCTTTTCATATGCCAGAAATCTGAAT
 ATAAAAAGAAAGAAATGGGTAGACTTTGGAACACTTGAATACAGCACTCCTGAAATTTTCTGAATATTT
 TAATGAAGCTCCCTCAACTTTGGATTATATGGTTAATGATGCCAATTGGTTCAGGAAAAATAGCTTGGAAC
 TTAGCTGTGCAATCTGAGAAGGATCTAGAGGCAATGAAAAACTTTTTTCATGGTTTCTATAAGCTGTCCC
 TTTTTTGTCTTTGGATCAAGGACTACTGATTGCACAGAAAACGTTTACTTGTAGCAGCTGCAGTTGA
 TCTGGATAGAGGAAGAAAAGCTCCAACAATTTGTGAGCAGAACATGTTACTAAGAACAGCACTTGGAGAG
 ATAAAGAAATGCAAAAAGTTTGGAAATCCTGAAAAAACAGGGGACTTCTCAGGTGATGACTGTGGGG
 TATTGCTTCTGCTCTATGAATTTGAAGTTAAAACCAAAACGAATGATCCATCACTGAGCAGATTTGTGGA
 TTCAGTTTGAAGATGCCTGATTTAGAATGCAGAACACTTGAAACAATGGCATTACTAGCTATGGATAAA
 CCTGCATACTATCCTACTATTGCACATAAGGCCATGAAAAAACTTTTATTGATGTACAGAAAACAGGAGC
 CAGTTGATGTTTTAAAATACAGCGTATGCATGCACAACCTGATTAAACTTCTGGTGGCAGATGAAGTATG
 GAATATATCGCTGTATCCCCTAAAAGAAGTTCAGAGCCATTTTAAAAATACTCTGAGCATCATTCCGCAA
 AACGAAGGATACCCAGAAGAGGAGATTGTATGGCTAATGATCAAGTCTTGGAAATTTGGAATACTGATGT
 CTAGCAAGAACAAGTATATCTGCAGAAAGGTGGGCTGCAATGGCATTGGATTTCTTGGCCACCTTAG
 CACCCTCAAACAAGCTATGAAGCAAAGGTGAATCTTCTGTATGCCAACCTCATGGAAATATTAGATAAA
 AAGACGGATTTAAGATCTACAGAGATGACTGAACAATTAAGAGCACTTATTGTTCTCCGGAGGATCAAG
 GTTCAGTTTCAGCACCAACGTGGCAGCTCAAACCATCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_031384
Insert Size:	2844 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_031384.2 , NP_113561.2
RefSeq Size:	3250 bp
RefSeq ORF:	2844 bp
Locus ID:	83558
UniProt ID:	Q14AT2
Cytogenetics:	X C3-D
Gene Summary:	Regulator of crossing-over during meiosis. Involved in initiation and/or maintenance of chromosome synapsis and formation of crossovers.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).